202 775 0146;

CENTRAL FAX CENTER

JAN 2 9 2004

PATENT

Attorney Docket No.

JAN-29-04 13:40;

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

VIA FACSIMILE-571 273 0743

Examiner: J. Goldberg

Serial No.: 09/973,180 Art Unit: 1634

Filed: October 10, 2001

In re Application of

VAN DUIJN et al.

For: DIAGNOSTICS AND THERAPEUTICS FOR AUTOSOMAL DOMINANT

HEMOCHROMATOSIS

TRANSMITTAL LETTER

Commissioner for Patents Alexandria, VA 22313-1450

Sir:

SENT BY: NATH & ASSOCIATES;

Submitted herewith for filing in the U.S. Patent and Trademark Office are the following:

Transmittal Letter;

Third Supplemental Response to Official Action;

3) 15 pages containing the "Sequence Listing" in paper form; and

4) Statement as required by 37 CFR 1.821 (e)-(g) and 1.825 (a)-(b).

The Commissioner is hereby specifically authorized to charge any fee deficiency or credit any overpayment to our Deposit Account No. 14-0112.

Respectfully submitted,

NATH & ASSOCIATES PLLC

Date: 29 Jan 2004

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PAGE 2

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Attorney Docket No. 24584

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CENTRAL FAX CENTER

In re Application of:

JAN 2 9 2004

VAN DUIJN et al.

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DIAGNOSTICS AND THERAPEUTICS FOR AUTOSOMAL DOMINANT

HEMOCHROMATOSIS

THIRD SUPPLEMENTAL RESPONSE TO OFFICIAL ACTION

Commissioner for Patents Alexandria, VA 22313-1450

Sir:

This is supplemental to the response transmitted to the Examiner via facsimile on January 20, 2004. Applicants respectfully thank the Examiner for her suggestions regarding the specification and claims. In view of the following amendments and remarks, applicants respectfully request the Examiner to reconsider and withdraw the outstanding rejections and allow all claims pending in this application.

Please amend the application as follows.